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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = GHOSH

First Name = SYAMAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09024063</a>	5908588	150	02/17/1998	INCIPIENT FLOCCULATION MOLDING OF PARTICULATE INORGANIC MATERIALS	GHOSH K, SYAMAL
<a href="#">08745151</a>	Not Issued	166	11/13/1996	PROCESS FOR PREPARING AN ELECTRICALLY CONDUCTIVE COMPOSITE OF TETRAGONAL ZIRCONIA OR COMPOSITE OF ZIRCONIA-ALUMINA AND ZIRCONIUM DIBORIDE	GHOSH, SYAMAL
<a href="#">08844348</a>	5855173	150	04/18/1997	ZIRCONIA ALLOY CYLINDERS AND SLEEVES FOR IMAGING AND LITHOGRAPHIC PRINTING METHODS	GHOSH, SYAMAL
<a href="#">09173072</a>	6014257	150	10/14/1998	LIGHT MODULATOR	GHOSH, SYAMAL
<a href="#">08653784</a>	Not Issued	161	05/28/1996	A LASER-ABSORBENT IMAGING DRUM FOR SCANNERS	GHOSH, SYAMAL K
<a href="#">08749256</a>	5735985	150	11/15/1996	METHOD FOR MICROMOLDING CERAMIC STRUCTURES	GHOSH, SYAMAL K
<a href="#">09573511</a>	6578245	150	05/18/2000	METHOD OF MAKING A PRINT HEAD	GHOSH, SYAMAL K.
<a href="#">09713518</a>	Not Issued	161	11/15/2000	Injection molding of ceramic powders using water soluble polymeric binder	GHOSH, SYAMAL K.
<a href="#">09770432</a>	6896830	150	01/26/2001	METHOD OF MAKING INJECTION MOLDING ARTICLES HAVING A MARBLED APPEARANCE	GHOSH, SYAMAL K.
<a href="#">09771250</a>	6803011	150	01/26/2001	METHOD FOR MAKING AN	GHOSH, SYAMAL

				INJECTION MOLDABLE FEEDSTOCK WHICH CAN PROVIDE ARTICLES WITH IMPROVED PHYSICAL PROPERTIES	K.
<u>09771541</u>	<u>6572810</u>	150	01/29/2001	METHOD OF INJECTION MOLDING ARTICLES WITH IMPROVED PHYSICAL PROPERTIES	GHOSH, SYAMAL K.
<u>09844019</u>	<u>6673388</u>	150	04/27/2001	METHOD OF MAKING A PRINTED CIRCUIT BOARD	GHOSH, SYAMAL K.
<u>09850788</u>	<u>6706316</u>	150	05/08/2001	ULTRASONICALLY SEALING THE COVER PLATE TO PROVIDE A HERMETIC ENCLOSURE FOR OLED DISPLAYS	GHOSH, SYAMAL K.
<u>09898369</u>	<u>6797314</u>	150	07/03/2001	METHOD OF HANDLING ORGANIC MATERIAL IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	GHOSH, SYAMAL K.
<u>09916860</u>	<u>6843955</u>	150	07/27/2001	INJECTION MOLDING OF CERAMIC POWDERS USING NON-GEL FORMING WATER SOLUBLE ORGANIC BINDERS	GHOSH, SYAMAL K.
<u>10195947</u>	<u>6706226</u>	150	07/16/2002	COMPACTING MOISTURE- SENSITIVE ORGANIC MATERIALS IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	GHOSH, SYAMAL K.
<u>10226600</u>	<u>6719936</u>	150	08/23/2002	METHOD OF MAKING A SOLID COMPACTED PELLET OF ORGANIC MATERIAL FOR VACUUM DEPOSITION OF OLED DISPLAYS	GHOSH, SYAMAL K.
<u>10246556</u>	Not Issued	164	09/18/2002	FORMING INFORMATION TRANSFER LENS ARRAY	GHOSH, SYAMAL K.
<u>10348118</u>	Not Issued	161	01/21/2003	Using compacted organic materials in making white light emitting oleds	GHOSH, SYAMAL K.
<u>10384290</u>	Not Issued	71	03/07/2003	Making and using compacted pellets for OLED displays	GHOSH, SYAMAL K.
<u>10624311</u>	<u>6837939</u>	150	07/22/2003	THERMAL PHYSICAL VAPOR DEPOSITION SOURCE USING PELLETS OF ORGANIC MATERIAL FOR MAKING	GHOSH, SYAMAL K.

				OLED DISPLAYS	
<u>10663578</u>	Not Issued	51	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using dry mixing	GHOSH, SYAMAL K.
<u>10663620</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using wet mixing	GHOSH, SYAMAL K.
<u>10663635</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using a solvent	GHOSH, SYAMAL K.
<u>10663636</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using melting	GHOSH, SYAMAL K.
<u>10851911</u>	Not Issued	41	05/21/2004	Method of making ceramic dental restorations	GHOSH, SYAMAL K.
<u>10994070</u>	Not Issued	30	11/19/2004	Organic materials for an evaporation source	GHOSH, SYAMAL K.
<u>06246605</u>	4370399	250	03/23/1981	EQUISENSITIVE AMBIPOLAR INDIUM DOPED SELENIUM CONTAINING ELECTROPHOTO- GRAPHIC MATERIALS, PLATES AND METHOD	GHOSH, SYAMAL K.
<u>07816646</u>	Not Issued	166	12/31/1991	ZIRCONIA CERAMICS AND A PROCESS OF PRODUCING THE SAME	GHOSH, SYAMAL K.
<u>07846646</u>	5290332	150	03/05/1992	CERAMIC ARTICLES AND METHODS FOR PREPARING CERAMIC ARTICLES AND FOR SINTERING	GHOSH, SYAMAL K.
<u>07847257</u>	5190450	150	03/06/1992	GEAR PUMP FOR HIGH VISCOSITY MATERIALS	GHOSH, SYAMAL K.
<u>07994818</u>	Not Issued	164	12/22/1992	CERAMIC ARTICLES HAVING CUBIC SPINEL ON SURFACES AND METHODS FOR PREPARING CERAMIC ARTICLES AND FOR SINTERING	GHOSH, SYAMAL K.
<u>07994820</u>	Not Issued	166	12/22/1992	ZIRCONIA ARTICLES HAVING TETRAGONAL CORES AND MONOCLINIC CASES AND PREPARATION AND SINTERING METHODS	GHOSH, SYAMAL K.
<u>07999171</u>	5336282	150	12/21/1992	ZIRCONIA CERAMICS AND A	GHOSH, SYAMAL

				PROCESS OF PRODUCING THE SAME	K.
<u>08068468</u>	<u>5484629</u>	150	05/27/1993	COATING APPARATUS AND METHOD	GHOSH, SYAMAL K.
<u>08107878</u>	<u>5358913</u>	150	08/18/1993	ZIRCONIA CERAMIC ARTICLES HAVING A TETRAGONAL CORE AND CUBIC CASING	GHOSH, SYAMAL K.
<u>08169884</u>	<u>5411690</u>	150	02/14/1994	PROCESS FOR PRODUCING A TETRAGONAL PHASE ZIRCONIS CERAMIC	GHOSH, SYAMAL K.
<u>08231870</u>	<u>5677072</u>	150	04/25/1994	ZIRCONIA ARTICLES HAVING TETRAGONAL CORES AND MONOCLINIC CASES AND PREPARATION AND SINTERING METHODS	GHOSH, SYAMAL K.
<u>08398331</u>	Not Issued	168	03/03/1995	ALUMINA CERAMIC ARTICLES HAVING CUBIC SPINEL ON SURFACES AND METHODS FOR PREPARING ALUMINA CERAMIC ARTICLES AND FOR SINTERING	GHOSH, SYAMAL K.
<u>08400416</u>	Not Issued	166	03/03/1995	CERAMIC ARTICLES HAVING CUBIC SPINAL ON SURFACES AND METHODS FOR PREPARING CERAMIC ARTICLES AND FOR SINTERING	GHOSH, SYAMAL K.
<u>08402670</u>	<u>6117805</u>	150	03/13/1995	CERAMIC GUIDE RAILS FOR PHOTOGRAPHIC FILM AND PAPER AND POLYMERIC WEB PERFORATION	GHOSH, SYAMAL K.
<u>08403082</u>	<u>5520601</u>	150	03/13/1995	CERAMIC ROLLERS FOR CONVEYANCE OF PHOTOGRAPHIC FILMS AND PAPER AND POLYMERIC WEBS	GHOSH, SYAMAL K.
<u>08417318</u>	<u>5543269</u>	150	04/04/1995	IMAGE WRITING ON CERAMICS	GHOSH, SYAMAL K.
<u>08419574</u>	<u>5535181</u>	150	04/10/1995	PERMANENT MAGNET DEVICE FOR SELECTIVELY INVERTING A MAGNETIC BIAS FIELD FOR MAGNETO-OPTIC RECORDING	GHOSH, SYAMAL K.
<u>08506629</u>	<u>5674794</u>	150	07/25/1995	ZIRCONIA ARTICLES HAVING	GHOSH, SYAMAL

				TETRAGONAL CORES AND MONOCLINIC CASES AND PREPARATION AND SINTERING METHODS	K.
<a href="#">08556346</a>	Not Issued	168	11/13/1995	USE OF CUTTING TOOLS FOR PHOTOGRAPHIC MANUFACTURING OPERATIONS	GHOSH, SYAMAL K.
<a href="#">08576178</a>	<a href="#">5743188</a>	150	12/21/1995	METHOD OF IMAGING A ZIRCONIA CERAMIC SURFACE TO PRODUCE A LITHOGRAPHIC PRINTING PLATE	GHOSH, SYAMAL K.
<a href="#">08606672</a>	<a href="#">5658030</a>	150	02/26/1996	TROLLEY WHEELS	GHOSH, SYAMAL K.
<a href="#">08612362</a>	Not Issued	166	03/07/1996	HYBRID METAL-CERAMIC COATING APPARATUS AND METHOD	GHOSH, SYAMAL K.
<a href="#">08636079</a>	<a href="#">5611679</a>	150	04/22/1996	CORROSION-RESISTANT PUMP	GHOSH, SYAMAL K.

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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = GHOSH

First Name = SYAMAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08658112</u>	Not Issued	161	06/04/1996	FLUX RETURN PLATE FOR USE IN ELECTROMOTIVE DEVICES	GHOSH, SYAMAL K.
<u>08665027</u>	5711912	150	06/10/1996	METHOD FOR ENCAPSULATING ELEMENTS SUCH AS MAGNETS IN SINTERED CERAMIC MATERIALS	GHOSH, SYAMAL K.
<u>08670058</u>	5795362	150	06/25/1996	ALUMINA CERAMIC ARTICLES HAVING CUBIC SPINEL ON SURFACES AND METHODS FOR PREPARING ALUMINA CERAMIC ARTICLES AND FOR SINTERING	GHOSH, SYAMAL K.
<u>08694888</u>	Not Issued	163	08/09/1996	ZIRCONIA CERAMIC AS A DIGITAL STORAGE MEDIA	GHOSH, SYAMAL K.
<u>08697325</u>	Not Issued	168	08/23/1996	METHOD OF FORMING A MASK USEFUL FOR ENGRAVING CERAMIC ARTICLES	GHOSH, SYAMAL K.
<u>08698531</u>	5824123	150	08/15/1996	ZIRCONIA ARTICLES HAVING TETRAGONAL CORES AND MONOCLINIC CASES AND PREPARATION AND SINTERING METHODS	GHOSH, SYAMAL K.
<u>08700256</u>	5683481	150	08/20/1996	METHOD OF MAKING CORE SHELL STRUCTURED ARTICLES BASED ON ALUMINA CERAMICS HAVING SPINEL SURFACES	GHOSH, SYAMAL K.
<u>08701824</u>	5776408	150	08/23/1996	METHOD OF ENGRAVING GREEN CERAMIC ARTICLES	GHOSH, SYAMAL K.
<u>08701895</u>	5730928	150	08/23/1996	METHOD OF MAKING AIR LUBRICATED HYDRODYNAMIC CERAMIC	GHOSH, SYAMAL K.

				BEARINGS	
<u>08701944</u>	<u>5738446</u>	150	08/23/1996	AIR LUBRICATED HYDRODYNAMIC CERAMIC BEARINGS	GHOSH, SYAMAL K.
<u>08709426</u>	<u>5762485</u>	150	09/06/1996	ZIRCONIA AND ZIRCONIA COMPOSITE CERAMIC SHAFTS FOR GEAR MICROPUMPS AND METHOD OF MAKING SAME	GHOSH, SYAMAL K.
<u>08720402</u>	<u>5716461</u>	150	09/30/1996	FUNCTIONALLY GRADIENT PERMANENT MAGNET ACTUATORS	GHOSH, SYAMAL K.
<u>08721517</u>	Not Issued	161	09/26/1996	ULTRASONIC HORN	GHOSH, SYAMAL K.
<u>08722598</u>	Not Issued	161	09/27/1996	INTEGRATED MICROMINIATURE ELECTROMECHANICAL RADIATION SHUTTER	GHOSH, SYAMAL K.
<u>08728320</u>	<u>5672302</u>	150	10/09/1996	IN-SITU SURFACE NITRIDATION OF ZIRCONIA CERAMICS	GHOSH, SYAMAL K.
<u>08728384</u>	<u>5679611</u>	150	10/09/1996	CERAMIC ARTICLE CONTAINING A CORE COMPRISING TETRAGONAL ZIRCONIA AND A SHELL COMPRISING ZIRCONIUM NITRIDE	GHOSH, SYAMAL K.
<u>08736834</u>	<u>5885626</u>	150	10/28/1996	DIE RETAINING ELEMENT	GHOSH, SYAMAL K.
<u>08736837</u>	<u>5900328</u>	150	10/28/1996	MATERIALS TRANSPORTING ELEMENT	GHOSH, SYAMAL K.
<u>08736849</u>	Not Issued	166	10/28/1996	LOW PRESSURE INJECTION MOLDING OF FINE PARTICULATE ZIRCONIA, ITS COMPOSITES, AND OTHER CERAMICS	GHOSH, SYAMAL K.
<u>08736850</u>	<u>5839618</u>	150	10/28/1996	MATERIALS FEEDER EQUIPMENT	GHOSH, SYAMAL K.
<u>08740356</u>	<u>5908712</u>	150	10/28/1996	CERAMIC WARE PLATE USEFUL FOR MATERIALS PROCESSING EQUIPMENT	GHOSH, SYAMAL K.
<u>08740451</u>	Not Issued	161	10/28/1996	RAPID PROTOTYPE EPOXY MOLD FOR LOW PRESSURE INJECTION MOLDING OF CERAMICS	GHOSH, SYAMAL K.
<u>08740452</u>	<u>5733588</u>	150	10/28/1996	CERAMIC MOLDING	GHOSH,

				EQUIPMENT	SYAMAL K.
<u>08746536</u>	<u>5688731</u>	150	11/13/1996	CERAMIC ARTICLES CONTAINING DOPED ZIRCONIA HAVING HIGH ELECTRICAL CONDUCTIVITY	GHOSH, SYAMAL K.
<u>08749715</u>	<u>5793519</u>	150	11/15/1996	MICROMOLDED INTEGRATED CERAMIC LIGHT REFLECTOR	GHOSH, SYAMAL K.
<u>08751529</u>	<u>5683649</u>	150	11/14/1996	METHOD FOR THE FABRICATION OF MICRO-ELECTROMECHANICAL CERAMIC PARTS	GHOSH, SYAMAL K.
<u>08752133</u>	<u>5700411</u>	150	11/21/1996	METHOD FOR THE FABRICATION OF THREADED CERAMIC PARTS	GHOSH, SYAMAL K.
<u>08752134</u>	<u>5898515</u>	150	11/21/1996	LIGHT REFLECTING MICROMACHINED CANTILEVER	GHOSH, SYAMAL K.
<u>08754450</u>	<u>5695828</u>	150	11/21/1996	METHOD FOR INDUCING ELECTRICAL CONDUCTIVITY IN ZIRCONIA CERAMIC SURFACES	GHOSH, SYAMAL K.
<u>08754454</u>	<u>5889234</u>	150	11/21/1996	ZIRCONIA CERAMIC MEMBERS WITH LASER INDUCED ELECTRICAL CONDUCTIVITY IN SURFACES THEREOF	GHOSH, SYAMAL K.
<u>08761925</u>	Not Issued	161	12/09/1996	BRUSHLESS DC MOTOR WITH CERAMIC COIL SUPPORT AND BEARING	GHOSH, SYAMAL K.
<u>08770413</u>	<u>5696040</u>	150	12/20/1996	CERAMIC ARTICLE CONTAINING A CORE COMPRISING ZIRCONIA AND A SHELL COMPRISING ZIRCONIUM BORIDE	GHOSH, SYAMAL K.
<u>08770447</u>	<u>5702766</u>	150	12/20/1996	PROCESS OF FORMING A CERAMIC ARTICLE CONTAINING A CORE COMPRISING ZIRCONIA AND A SHELL COMPRISING ZIRCONIUM BORIDE	GHOSH, SYAMAL K.
<u>08775523</u>	Not Issued	161	01/02/1997	MINIATURE MOLDED CERAMIC DEVICES HAVING EMBEDDED SPIRAL COILS	GHOSH, SYAMAL K.
<u>08775524</u>	<u>5795422</u>	150	01/02/1997	METHOD FOR FORMING MOLDED CERAMIC DEVICES HAVING EMBEDDED SPIRAL	GHOSH, SYAMAL K.



				COILS	
<u>08795332</u>	<u>5893206</u>	150	02/04/1997	METHOD FOR THE FORMATION AND POLARIZATION OF MICROMAGNETS	GHOSH, SYAMAL K.
<u>08795960</u>	<u>5791040</u>	150	02/04/1997	METHOD FOR MAKING CERAMIC TOOLS FOR THE PRODUCTION OF MICROMAGNETS	GHOSH, SYAMAL K.
<u>08798080</u>	<u>5739942</u>	150	02/12/1997	MICROCERAMIC OPTICAL SHUTTER	GHOSH, SYAMAL K.
<u>08798694</u>	<u>5840140</u>	150	02/12/1997	METHOD FOR MAKING A MICROCERAMIC OPTICAL SHUTTER	GHOSH, SYAMAL K.
<u>08808896</u>	<u>5881449</u>	150	02/28/1997	METHOD OF MAKING A MICROCERAMIC ELECTROMAGNETIC LIGHT SHUTTER	GHOSH, SYAMAL K.
<u>08808897</u>	<u>5708893</u>	150	02/28/1997	MICROCERAMIC ELECTROMAGNETIC LIGHT SHUTTER	GHOSH, SYAMAL K.
<u>08812809</u>	<u>5723393</u>	150	03/06/1997	ZIRCONIA CERAMIC ARTICLE	GHOSH, SYAMAL K.
<u>08820064</u>	<u>5821841</u>	150	03/18/1997	MICROCERAMIC LINEAR ACTUATOR	GHOSH, SYAMAL K.
<u>08826539</u>	<u>5863607</u>	250	04/03/1997	HYBRID METAL-CERAMIC COATING APPARATUS AND METHOD	GHOSH, SYAMAL K.
<u>08826625</u>	Not Issued	161	04/03/1997	APPARATUS AND METHOD FOR SPOOLING STRIPS OF WEB	GHOSH, SYAMAL K.
<u>08826628</u>	<u>5803852</u>	150	04/03/1997	CERAMIC DRIVE SYSTEM	GHOSH, SYAMAL K.
<u>08826629</u>	<u>5884387</u>	150	04/03/1997	METHOD OF FORMING SELF-LUBRICATING, CERAMIC ELEMENTS FOR A DRIVE SYSTEM OR SIMILAR APPARATUS	GHOSH, SYAMAL K.
<u>08835979</u>	<u>5993750</u>	150	04/11/1997	INTEGRATED CERAMIC MICRO-CHEMICAL PLANT	GHOSH, SYAMAL K.
<u>08837065</u>	<u>6034714</u>	150	04/11/1997	METHOD AND APPARATUS FOR PREVENTING TRANSIENT OSCILLATIONS IN A FOCUSING BEAM OF SCANNERS	GHOSH, SYAMAL K.
<u>08842937</u>	<u>5953036</u>	150	04/25/1997	IMAGE PROCESSING	GHOSH,

				EQUIPMENT HAVING WEAR RESISTANT TRANSLATIONAL ELEMENTS	SYAMAL K.
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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = GHOSH

First Name = SYAMAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08843522</u>	<u>5839369</u>	150	04/18/1997	METHOD OF CONTROLLED LASER IMAGING OF ZIRCONIA ALLOY CERAMIC LITHOGRAPHIC MEMBER TO PROVIDE LOCALIZED MELTING IN EXPOSED AREAS	GHOSH, SYAMAL K.
<u>08844292</u>	<u>5839370</u>	150	04/18/1997	FLEXIBLE ZIRCONIA ALLOY CERAMIC LITHOGRAPHIC PRINTING TAPE AND METHODS OF USING SAME	GHOSH, SYAMAL K.
<u>08845303</u>	<u>5755520</u>	150	04/25/1997	WEAR RESISTANT LATHE BED SCANNING APPARATUS AND METHOD	GHOSH, SYAMAL K.
<u>08845338</u>	<u>5829881</u>	150	04/25/1997	WEAR RESISTANT APPARATUS AND METHOD FOR TRANSLATING A PRINTING ELEMENT RELATIVE TO A FRAME	GHOSH, SYAMAL K.
<u>08848332</u>	<u>5836249</u>	150	05/01/1997	LASER ABLATION IMAGING OF ZIRCONIA-ALUMINA COMPOSITE CERAMIC PRINTING MEMBER	GHOSH, SYAMAL K.
<u>08848780</u>	<u>5893328</u>	150	05/01/1997	METHOD OF CONTROLLED LASER IMAGING OF ZIRCONIA-ALUMINA COMPOSITE CERAMIC LITHOGRAPHIC PRINTING MEMBER TO PROVIDE LOCALIZED MELTING IN EXPOSED AREAS	GHOSH, SYAMAL K.
<u>08850315</u>	<u>5836248</u>	150	05/01/1997	ZIRCONIA-ALUMINA COMPOSITE CERAMIC LITHOGRAPHIC PRINTING MEMBER	GHOSH, SYAMAL K.
<u>08851916</u>	Not	168	05/06/1997	CORE SHELL STRUCTURED	GHOSH,

	Issued			ARTICLES BASED ON ALUMINA CERAMICS AND HAVING SPINEL SURFACES	SYAMAL K.
<u>08866991</u>	<u>5888445</u>	150	06/02/1997	METHOD FOR MAKING CERAMIC MICRO-ELECTROMECHANICAL PARTS AND TOOLS	GHOSH, SYAMAL K.
<u>08868098</u>	<u>5783879</u>	150	06/03/1997	A MICROMOTOR IN A CERAMIC SUBSTRATE	GHOSH, SYAMAL K.
<u>08868210</u>	<u>5822839</u>	150	06/03/1997	A METHOD FOR MAKING A MICROMOTOR IN A CERAMIC SUBSTRATE	GHOSH, SYAMAL K.
<u>08879345</u>	<u>5961932</u>	150	06/20/1997	REACTION CHAMBER FOR AN INTEGRATED MICRO-CERAMIC CHEMICAL PLANT	GHOSH, SYAMAL K.
<u>08879546</u>	<u>5779969</u>	150	06/20/1997	METHOD FOR FABRICATING MULTIWOOUND MICROCOILS EMBEDDED IN A CERAMIC SUBSTRATE	GHOSH, SYAMAL K.
<u>08881284</u>	Not Issued	161	06/24/1997	METHOD FOR ENCAPSULATING ELEMENTS SUCH AS MAGNETS IN SINTERED CERAMIC MATERIALS	GHOSH, SYAMAL K.
<u>08896901</u>	<u>5804130</u>	150	07/18/1997	EMBEDDING A MULTIWOOUND MICROCOIL IN A CERAMIC STRUCTURE	GHOSH, SYAMAL K.
<u>08898097</u>	<u>6036927</u>	150	07/22/1997	MOCRO-CERAMIC CHEMICAL PLANT HAVING CATALYTIC REACTION CHAMBER	GHOSH, SYAMAL K.
<u>08901184</u>	<u>5924967</u>	150	07/28/1997	WEAR RESISTANT TRANSPORT ROLLER	GHOSH, SYAMAL K.
<u>08901185</u>	<u>5865298</u>	150	07/28/1997	MAGNETIC TRANSPORT SYSTEM	GHOSH, SYAMAL K.
<u>08901186</u>	<u>5848684</u>	150	07/28/1997	METHOD FOR TRANSPORTING MAGNETIC OBJECTS	GHOSH, SYAMAL K.
<u>08901187</u>	<u>5981087</u>	150	07/28/1997	WEAR RESISTANT TRANSPORT WEB	GHOSH, SYAMAL K.
<u>08902417</u>	<u>5804342</u>	150	07/29/1997	METHOD OF BAR-CODE PRINTING ON CERAMIC MEMBERS	GHOSH, SYAMAL K.
<u>08902461</u>	<u>5843599</u>	150	07/29/1997	ERASABLE CERAMIC BAR-CODE	GHOSH, SYAMAL K.
<u>08902506</u>	Not Issued	161	07/29/1997	CERAMIC ARTICLES HAVING CUBIC SPINEL ON SURFACES	GHOSH, SYAMAL K.

				AND METHODS FOR PREPARING CERAMIC ARTICLES AND FOR SINTERING	
<u>08931174</u>	<u>5900201</u>	150	09/16/1997	BINDER COAGULATION CASTING	GHOSH, SYAMAL K.
<u>08931782</u>	<u>5771764</u>	150	09/16/1997	USE OF CUTTING TOOLS FOR PHOTOGRAPHIC MANUFACTURING OPERATIONS	GHOSH, SYAMAL K.
<u>08936123</u>	<u>5982169</u>	150	09/24/1997	MICRO-ENCODER WITH MOLDED MICRO-MAGNET	GHOSH, SYAMAL K.
<u>08946046</u>	<u>5804131</u>	150	10/07/1997	METHOD OF MANUFACTURING A CERAMIC ARTICLE	GHOSH, SYAMAL K.
<u>08951179</u>	<u>5961930</u>	150	10/15/1997	INTEGRATED MICRO-CERAMIC CHEMICAL PLANT WITH INSERTABLE REACTION CHAMBERS AND MICRO-FILTERS	GHOSH, SYAMAL K.
<u>08951180</u>	<u>5976472</u>	150	10/15/1997	INTEGRATED MICRO-CERAMIC CHEMICAL PLANT WITH INSERTABLE CATALYTIC REACTION CHAMBERS	GHOSH, SYAMAL K.
<u>08951181</u>	<u>5965092</u>	150	10/15/1997	INTEGRATED MICRO-CERAMIC CHEMICAL PLANT WITH INSERTABLE MICRO-FILTERS	GHOSH, SYAMAL K.
<u>08954399</u>	<u>5827470</u>	150	10/20/1997	METHOD FOR PREPARING A ZIROCONIA/ZIRCONIUM DIBORIDE COMPOSITE	GHOSH, SYAMAL K.
<u>08960670</u>	<u>6156246</u>	150	10/30/1997	INJECTION MOLDING OF FINE CERAMICS	GHOSH, SYAMAL K.
<u>08964170</u>	Not Issued	168	11/04/1997	CERAMIC MOLDING EQUIPMENT	GHOSH, SYAMAL K.
<u>08975996</u>	<u>5901893</u>	150	11/21/1997	APPARATUS AND METHOD FOR CONVEYING A WEB	GHOSH, SYAMAL K.
<u>09004118</u>	<u>5925496</u>	150	01/07/1998	ANODIZED ZIRCONIA LITHOGRAPHIC PRINTING MEMBER AND METHODS OF USE	GHOSH, SYAMAL K.
<u>09020727</u>	<u>5958311</u>	150	02/09/1998	METHOD OF MANUFACTURING CERAMIC ARTICLE	GHOSH, SYAMAL K.
<u>09020993</u>	<u>6017839</u>	150	02/09/1998	CERAMIC ARTICLE	GHOSH, SYAMAL K.

<u>09028553</u>	<u>5861692</u>	150	02/24/1998	MAGNETICALLY INDUCED COUPLING AND DRIVE APPARATUS	GHOSH, SYAMAL K.
<u>09028688</u>	<u>5896873</u>	150	02/24/1998	APPARATUS AND METHOD FOR TRANSPORTING MAGNETIC OBJECTS	GHOSH, SYAMAL K.
<u>09045097</u>	<u>6044042</u>	150	03/20/1998	METHOD AND APPARATUS FOR INVERTING A BIAS FIELD FOR MAGNETO-OPTIC RECORDING AND ERASING	GHOSH, SYAMAL K.
<u>09045410</u>	Not Issued	161	03/20/1998	MAGNET DRIVE AND BIAS FIELD APPARATUS FOR INVERTING A BIAS FIELD FOR MAGNETO-OPTIC RECORDING AND ERASING	GHOSH, SYAMAL K.
<u>09046448</u>	Not Issued	161	03/23/1998	AN IMPROVED DIE RETAINING ELEMENT	GHOSH, SYAMAL K.
<u>09047662</u>	<u>6164846</u>	150	03/25/1998	APPARATUS AND METHOD FOR TRANSPORTING A WEB	GHOSH, SYAMAL K.
<u>09047842</u>	<u>6074109</u>	150	03/25/1998	APPARATUS FOR PROCESSING PHOTOGRAPHIC MEDIA	GHOSH, SYAMAL K.
<u>09048439</u>	<u>5909411</u>	150	03/26/1998	MAGNETICALLY COUPLED APPARATUS FOR INVERTING A BIAS FIELD FOR MAGNETO-OPTIC RECORDING AND ERASING	GHOSH, SYAMAL K.
<u>09056493</u>	<u>5927207</u>	150	04/07/1998	ZIRCONIA CERAMIC IMAGING MEMBER WITH HYDROPHILIC SURFACE LAYER AND METHODS OF USE	GHOSH, SYAMAL K.
<u>09059957</u>	<u>6134193</u>	150	04/14/1998	TRANSLATIONAL, BIAS-FIELD DEVICE FOR A MAGNETO-OPTICAL SYSTEM	GHOSH, SYAMAL K.
<u>09061619</u>	<u>5910856</u>	150	04/16/1998	INTEGRATED HYBRID SILICON-BASED MICRO-REFLECTOR	GHOSH, SYAMAL K.
<u>09071485</u>	<u>5900274</u>	150	05/01/1998	CONTROLLED COMPOSITION AND CRYSTALLOGRAPHIC CHANGES IN FORMING FUNCTIONALLY GRADIENT PIEZOELECTRIC TRANSDUCERS	GHOSH, SYAMAL K.
<u>09071486</u>	Not Issued	161	05/01/1998	FUNCTIONALLY GRADIENT PIEZOELECTRIC TRANSDUCERS	GHOSH, SYAMAL K.

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# PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = GHOSH

First Name = SYAMAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09080794</a>	<a href="#">6206264</a>	150	05/18/1998	APPARATUS AND METHOD FOR CONVEYING ABRASIVE WEB OF INDETERMINATE LENGTH	GHOSH, SYAMAL K.
<a href="#">09082876</a>	<a href="#">6277006</a>	250	05/21/1998	COATED MEDIA BEARING SURFACE FOR CONVEYING ABRASIVE MEDIA AND THE LIKE	GHOSH, SYAMAL K.
<a href="#">09090850</a>	<a href="#">5973715</a>	150	06/04/1998	IMAGE PROCESSING EQUIPMENT	GHOSH, SYAMAL K.
<a href="#">09093268</a>	<a href="#">6013311</a>	150	06/08/1998	USING MORPHOLOGICAL CHANGES TO MAKE PIEZOELECTRIC TRANSDUCERS	GHOSH, SYAMAL K.
<a href="#">09100216</a>	Not Issued	168	06/19/1998	PIEZOELECTRIC PUMPING APPARATUS	GHOSH, SYAMAL K.
<a href="#">09100565</a>	<a href="#">6262519</a>	150	06/19/1998	METHOD OF CONTROLLING FLUID FLOW IN A MICROFLUIDIC PROCESS	GHOSH, SYAMAL K.
<a href="#">09109124</a>	<a href="#">6171886</a>	150	06/30/1998	METHOD OF MAKING INTEGRATED HYBRID SILICON-BASED MICRO-ACTUATOR DEVICES	GHOSH, SYAMAL K.
<a href="#">09116411</a>	Not Issued	168	07/16/1998	INK JET ELEMENT HAVING FUNCTIONALLY GRADIENT PIEZOELECTRIC ELEMENT	GHOSH, SYAMAL K.
<a href="#">09120995</a>	<a href="#">6169355</a>	150	07/22/1998	PIEZOELECTRIC ACTUATING ELEMENT FOR AN INK JET HEAD AND THE LIKE	GHOSH, SYAMAL K.
<a href="#">09121194</a>	<a href="#">6290339</a>	150	07/22/1998	METHOD OF DIRECTING FLUID BETWEEN A RESERVOIR AND A MICRO-ORIFICE MANIFOLD	GHOSH, SYAMAL K.
<a href="#">09129278</a>	<a href="#">6039221</a>	150	08/05/1998	MATERIALS FEEDER EQUIPMENT	GHOSH, SYAMAL K.



<u>09132628</u>	Not Issued	161	08/11/1998	VACUUM ASSISTED ULTRASONIC CLEANING OF INK JET PRINthead CARTRIDGES	GHOSH, SYAMAL K.
<u>09140438</u>	Not Issued	168	08/26/1998	AN IMPROVED CERAMIC WARE PLATE USEFUL FOR MATERIALS PROCESSING EQUIPMENT	GHOSH, SYAMAL K.
<u>09143770</u>	<u>6351879</u>	150	08/31/1998	METHOD OF MAKING A PRINTING APPARATUS	GHOSH, SYAMAL K.
<u>09143944</u>	<u>6367132</u>	150	08/31/1998	METHOD OF MAKING A PRINT HEAD	GHOSH, SYAMAL K.
<u>09144122</u>	Not Issued	168	08/31/1998	DUAL ACTUATED PRINTING ELEMENT	GHOSH, SYAMAL K.
<u>09144227</u>	<u>6154239</u>	150	08/31/1998	CERAMIC INK JET PRINTING ELEMENT	GHOSH, SYAMAL K.
<u>09144393</u>	Not Issued	161	08/31/1998	PRINTING APPARATUS WITH FUNCTIONALLY GRADIENT PIEZOELECTRIC TRANSDUCER	GHOSH, SYAMAL K.
<u>09146791</u>	<u>6065195</u>	150	09/03/1998	A METHOD OF MANUFACTURING INKJET PRINT HEAD BASE ELEMENTS BY SACRIFICIAL MOLDING	GHOSH, SYAMAL K.
<u>09157454</u>	<u>6058282</u>	150	09/21/1998	ELECTROSTATOGRAPHIC APPARATUS USING ALLOYED ZIRCONIA CERAMIC PROVIDING IMAGE RECEIVING SURFACE	GHOSH, SYAMAL K.
<u>09159725</u>	Not Issued	161	09/24/1998	ULTRASONIC CLEANING OF INK JET PRINthead CARTRIDGES	GHOSH, SYAMAL K.
<u>09164523</u>	<u>6033131</u>	150	09/30/1998	HYBRID SILICON-BASED MICRO-ELECTROMAGNETIC LIGHT SHUTTER	GHOSH, SYAMAL K.
<u>09164524</u>	<u>6017770</u>	150	09/30/1998	METHOD OF MAKING A HYBRID MICRO-ELECTROMAGNETIC ARTICLE OF MANUFACTURE	GHOSH, SYAMAL K.
<u>09173331</u>	<u>6061166</u>	150	10/15/1998	DIFFRACTIVE LIGHT MODULATOR	GHOSH, SYAMAL K.
<u>09179498</u>	<u>6196656</u>	150	10/27/1998	HIGH FREQUENCY ULTRASONIC CLEANING OF INK JET PRINthead CARTRIDGES	GHOSH, SYAMAL K.

<u>09179503</u>	<u>6071752</u>	150	10/27/1998	METHOD OF MAKING A LIGHT REFLECTOR	GHOSH, SYAMAL K.
<u>09179767</u>	<u>6033198</u>	150	10/27/1998	APPARATUS FOR THE FORMATION AND POLARIZATION OF MICROMAGNETS	GHOSH, SYAMAL K.
<u>09183148</u>	<u>6088148</u>	150	10/30/1998	MICROMAGNETIC LIGHT MODULATOR	GHOSH, SYAMAL K.
<u>09183932</u>	<u>6108117</u>	150	10/30/1998	METHOD OF MAKING MAGNETICALLY DRIVEN LIGHT MODULATORS	GHOSH, SYAMAL K.
<u>09201500</u>	<u>6141139</u>	150	11/30/1998	METHOD OF MAKING A BISTABLE MICROMAGNETIC LIGHT MODULATOR	GHOSH, SYAMAL K.
<u>09201502</u>	<u>6031652</u>	150	11/30/1998	BISTABLE LIGHT MODULATOR	GHOSH, SYAMAL K.
<u>09221349</u>	<u>6267464</u>	150	12/28/1998	SELF CLEANING INK JET PRINthead CARTRIDGES	GHOSH, SYAMAL K.
<u>09221361</u>	Not Issued	161	12/28/1998	IMAGE PROCESSING EQUIPMENT WITH MAGNETICALLY INDUCED WEB TRANSPORT MECHANISM	GHOSH, SYAMAL K.
<u>09221510</u>	<u>6034457</u>	150	12/28/1998	MAGNETIC DRIVE APPARATUS FOR WEB TRANSPORT	GHOSH, SYAMAL K.
<u>09240752</u>	<u>6161270</u>	150	01/29/1999	FORMING TAPE CAST CHANNELLS FOR PRINtheadS	GHOSH, SYAMAL K.
<u>09253847</u>	<u>6168746</u>	150	02/22/1999	INJECTION MOLDING OF FERROELECTRIC ARTICLES	GHOSH, SYAMAL K.
<u>09327054</u>	Not Issued	161	06/07/1999	CERAMIC ARTICLES HAVING CUBIC SPINEL ON SURFACES AND METHODS FOR PREPARING CERAMIC ARTICLES AND FORSINTERING	GHOSH, SYAMAL K.
<u>09354950</u>	<u>6254819</u>	150	07/16/1999	FORMING CHANNEL MEMBERS FOR INK JET PRINtheadS	GHOSH, SYAMAL K.
<u>09368551</u>	<u>6277007</u>	250	08/05/1999	COATED MEDIA BEARING SURFACE FOR CONVEYING ABRASIVE MEDIA AND THE LIKE	GHOSH, SYAMAL K.
<u>09368979</u>	Not Issued	161	08/05/1999	COATED MEDIA BEARING SURFACE FOR CONVEYING ABRASIVE MEDIA AND THE	GHOSH, SYAMAL K.

				LIKE	
<u>09368981</u>	Not Issued	161	08/05/1999	COATED MEDIA BEARING SURFACE FOR CONVEYING ABRASIVE MEDIA AND THE LIKE	GHOSH, SYAMAL K.
<u>09368982</u>	Not Issued	161	08/05/1999	COATED MEDIA BEARING SURFACE FOR CONVEYING ABRASIVE MEDIA AND THE LIKE	GHOSH, SYAMAL K.
<u>09384533</u>	<u>6235233</u>	150	08/27/1999	MATERIALS FEEDER EQUIPMENT	GHOSH, SYAMAL K.
<u>10073690</u>	<u>6649436</u>	150	02/11/2002	USING ORGANIC MATERIALS IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	GHOSH, SYAMAL K.
<u>60001420</u>	Not Issued	159	07/25/1995	FLUX RETURN PLATE FOR USE IN ELECTROMOTIVE DEVICES	GHOSH, SYAMAL K.
<u>60004226</u>	Not Issued	159	09/25/1995	TROLLEY WHEELS	GHOSH, SYAMAL K.
<u>60004229</u>	Not Issued	159	09/25/1995	CORROSION-RESISTANT PUMP	GHOSH, SYAMAL K.
<u>60005501</u>	Not Issued	159	09/07/1995	HYBRID METAL-CERAMIC COATING APPARATUS AND METHOD	GHOSH, SYAMAL K.
<u>60005729</u>	Not Issued	159	10/20/1995	METHOD OF LITHOGRAPHIC PRINTING	GHOSH, SYAMAL K.
<u>08883057</u>	<u>5840134</u>	150	06/26/1997	FUNCTIONALLY GRADIENT PERMANENT MAGNET ACTUATORS	GHOSH, SYAMAL KUMAR

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## Inventor Name Search Result

Your Search was:

Last Name = GHOSH

First Name = SYAMAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08898944</a>	<a href="#">5870956</a>	150	07/23/1997	ZIRCONIA CERAMIC LITHOGRAPHIC PRINTING PLATE	GHOSH, SYAMAL KUMAR
<a href="#">09172463</a>	<a href="#">5991079</a>	150	10/14/1998	METHOD OF MAKING A LIGHT MODULATOR	GHOSH, SYAMAL P.

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## Inventor Name Search Result

Your Search was:

Last Name = CARLTON

First Name = DONN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09516086</a>	<a href="#">6361161</a>	150	03/01/2000	Nanoparticles for printing images	CARLTON, DONN B.
<a href="#">09516322</a>	<a href="#">6350014</a>	150	03/01/2000	Apparatus for using nanoparticles for printing images	CARLTON, DONN B.
<a href="#">09713518</a>	Not Issued	161	11/15/2000	Injection molding of ceramic powders using water soluble polymeric binder	CARLTON, DONN B.
<a href="#">09770432</a>	<a href="#">6896830</a>	150	01/26/2001	METHOD OF MAKING INJECTION MOLDING ARTICLES HAVING A MARBLED APPEARANCE	CARLTON, DONN B.
<a href="#">09771250</a>	<a href="#">6803011</a>	150	01/26/2001	METHOD FOR MAKING AN INJECTION MOLDABLE FEEDSTOCK WHICH CAN PROVIDE ARTICLES WITH IMPROVED PHYSICAL PROPERTIES	CARLTON, DONN B.
<a href="#">09771541</a>	<a href="#">6572810</a>	150	01/29/2001	METHOD OF INJECTION MOLDING ARTICLES WITH IMPROVED PHYSICAL PROPERTIES	CARLTON, DONN B.
<a href="#">09792913</a>	<a href="#">6458498</a>	150	02/26/2001	CHARGE CONTAINING ELEMENT	CARLTON, DONN B.
<a href="#">09793299</a>	<a href="#">6620456</a>	150	02/26/2001	FORMING A DIELECTRIC LAYER BY THERMAL DECOMPOSITION OF A METALLO-ORGANIC MATERIAL	CARLTON, DONN B.
<a href="#">09844019</a>	<a href="#">6673388</a>	150	04/27/2001	METHOD OF MAKING A PRINTED CIRCUIT BOARD	CARLTON, DONN B.
<a href="#">09898369</a>	<a href="#">6797314</a>	150	07/03/2001	METHOD OF HANDLING ORGANIC MATERIAL IN MAKING AN ORGANIC	CARLTON, DONN B.

				LIGHT-EMITTING DEVICE	
<u>09916860</u>	<u>6843955</u>	150	07/27/2001	INJECTION MOLDING OF CERAMIC POWDERS USING NON-GEL FORMING WATER SOLUBLE ORGANIC BINDERS	CARLTON, DONN B.
<u>10036722</u>	<u>6624948</u>	150	12/21/2001	METHOD OF FORMING PRECISION GLASS MICROLENS ARRAYS AND A MICROLENS ARRAY FORMED THEREWITH	CARLTON, DONN B.
<u>10195947</u>	<u>6706226</u>	150	07/16/2002	COMPACTING MOISTURE-SENSITIVE ORGANIC MATERIALS IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	CARLTON, DONN B.
<u>10226600</u>	<u>6719936</u>	150	08/23/2002	METHOD OF MAKING A SOLID COMPACTED PELLET OF ORGANIC MATERIAL FOR VACUUM DEPOSITION OF OLED DISPLAYS	CARLTON, DONN B.
<u>10246556</u>	Not Issued	164	09/18/2002	FORMING INFORMATION TRANSFER LENS ARRAY	CARLTON, DONN B.
<u>10348118</u>	Not Issued	161	01/21/2003	Using compacted organic materials in making white light emitting oleds	CARLTON, DONN B.
<u>10384290</u>	Not Issued	71	03/07/2003	Making and using compacted pellets for OLED displays	CARLTON, DONN B.
<u>10624311</u>	<u>6837939</u>	150	07/22/2003	THERMAL PHYSICAL VAPOR DEPOSITION SOURCE USING PELLETS OF ORGANIC MATERIAL FOR MAKING OLED DISPLAYS	CARLTON, DONN B.
<u>10663578</u>	Not Issued	51	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using dry mixing	CARLTON, DONN B.
<u>10663620</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using wet mixing	CARLTON, DONN B.
<u>10663635</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using a solvent	CARLTON, DONN B.
<u>10663636</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical	CARLTON, DONN B.

				vapor deposition using melting	
<u>10851911</u>	Not Issued	41	05/21/2004	Method of making ceramic dental restorations	CARLTON, DONN B.
<u>09354950</u>	<u>6254819</u>	150	07/16/1999	FORMING CHANNEL MEMBERS FOR INK JET PRINTHEADS	CARLTON, DONN B.
<u>10073690</u>	<u>6649436</u>	150	02/11/2002	USING ORGANIC MATERIALS IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	CARLTON, DONN B.
<u>07326718</u>	<u>4940591</u>	150	03/21/1989	MICROWAVABLE STUFFING MIX	CARLTON, DONNA K.

Inventor Search Completed: No Records to Display.

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## Inventor Name Search Result

Your Search was:

Last Name = HATWAR

First Name = TUKARAM

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09651624</a>	<a href="#">6696177</a>	150	08/30/2000	WHITE ORGANIC ELECTROLUMINESCENT DEVICES WITH IMPROVED STABILITY AND EFFICIENCY	HATWAR, TUKARAM
<a href="#">09589731</a>	<a href="#">6475648</a>	150	06/08/2000	ORGANIC ELECTROLUMINESCENT DEVICES WITH IMPROVED STABILITY AND EFFICIENCY	HATWAR, TUKARAM K.
<a href="#">09627204</a>	<a href="#">6676990</a>	150	07/27/2000	METHOD OF DEPOSITING ALUMINUM-LITHIUM ALLOY CATHODE IN ORGANIC LIGHT EMITTING DEVICES	HATWAR, TUKARAM K.
<a href="#">09875646</a>	<a href="#">6565996</a>	150	06/06/2001	ORGANIC LIGHT-EMITTING DEVICE HAVING A COLOR-NEUTRAL DOPANT IN A HOLE-TRANSPORT LAYER AND/OR IN AN ELECTRON-TRANSPORT LAYER	HATWAR, TUKARAM K.
<a href="#">09923024</a>	<a href="#">6727644</a>	150	08/06/2001	ORGANIC LIGHT-EMITTING DEVICE HAVING A COLOR-NEUTRAL DOPANT IN AN EMISSION LAYER AND IN A HOLE AND /OR ELECTRON TRANSPORT SUBLAYER	HATWAR, TUKARAM K.
<a href="#">09930050</a>	<a href="#">6627333</a>	150	08/15/2001	WHITE ORGANIC LIGHT-EMITTING DEVICES WITH IMPROVED EFFICIENCY	HATWAR, TUKARAM K.
<a href="#">10176026</a>	<a href="#">6692846</a>	150	06/20/2002	ORGANIC ELECTROLUMINESCENT DEVICE HAVING A STABILIZING DOPANT IN A HOLE-TRANSPORT LAYER OR IN AN ELECTRON-TRANSPORT LAYER DISTANT FROM THE	HATWAR, TUKARAM K.



				EMISSION LAYER	
<u>10191251</u>	<u>6720092</u>	150	07/08/2002	WHITE ORGANIC LIGHT-EMITTING DEVICES USING RUBRENE LAYER	HATWAR, TUKARAM K.
<u>10195947</u>	<u>6706226</u>	150	07/16/2002	COMPACTING MOISTURE-SENSITIVE ORGANIC MATERIALS IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	HATWAR, TUKARAM K.
<u>10226600</u>	<u>6719936</u>	150	08/23/2002	METHOD OF MAKING A SOLID COMPACTED PELLET OF ORGANIC MATERIAL FOR VACUUM DEPOSITION OF OLED DISPLAYS	HATWAR, TUKARAM K.
<u>10244314</u>	Not Issued	41	09/16/2002	White organic light-emitting devices with improved performance	HATWAR, TUKARAM K.
<u>10334324</u>	Not Issued	168	12/31/2002	Efficient electroluminescent device	HATWAR, TUKARAM K.
<u>10348118</u>	Not Issued	161	01/21/2003	Using compacted organic materials in making white light emitting oleds	HATWAR, TUKARAM K.
<u>10384290</u>	Not Issued	71	03/07/2003	Making and using compacted pellets for OLED displays	HATWAR, TUKARAM K.
<u>10391727</u>	Not Issued	168	03/19/2003	White light-emitting OLED device having a blue light-emitting layer doped with an electron-transporting or a hole-transporting material or both	HATWAR, TUKARAM K.
<u>10446436</u>	Not Issued	168	05/28/2003	White light-emitting device structures	HATWAR, TUKARAM K.
<u>10606446</u>	<u>6967062</u>	150	06/26/2003	WHITE LIGHT-EMITTING OLED DEVICE HAVING A BLUE LIGHT-EMITTING LAYER DOPED WITH AN ELECTRON-TRANSPORTING OR A HOLE-TRANSPORTING MATERIAL OR BOTH	HATWAR, TUKARAM K.
<u>10644245</u>	<u>6875524</u>	150	08/20/2003	WHITE LIGHT-EMITTING DEVICE WITH IMPROVED DOPING	HATWAR, TUKARAM K.
<u>10657626</u>	Not Issued	93	09/08/2003	WHITE LIGHT-EMITTING DEVICE STRUCTURES	HATWAR, TUKARAM K.
<u>10658010</u>	Not Issued	168	09/09/2003	Efficient electroluminescent device	HATWAR, TUKARAM K.

<u>10661121</u>	<u>6905788</u>	150	09/12/2003	STABILIZED OLED DEVICE	HATWAR, TUKARAM K.
<u>10662272</u>	Not Issued	83	09/15/2003	Green organic light-emitting diodes	HATWAR, TUKARAM K.
<u>10663578</u>	Not Issued	51	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using dry mixing	HATWAR, TUKARAM K.
<u>10663620</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using wet mixing	HATWAR, TUKARAM K.
<u>10663635</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using a solvent	HATWAR, TUKARAM K.
<u>10663636</u>	Not Issued	71	09/16/2003	Forming homogeneous mixtures of organic materials for physical vapor deposition using melting	HATWAR, TUKARAM K.
<u>10690940</u>	Not Issued	80	10/22/2003	Stabilized white-light-emitting OLED device	HATWAR, TUKARAM K.
<u>10700894</u>	Not Issued	41	11/04/2003	Organic element for electroluminescent devices	HATWAR, TUKARAM K.
<u>10700916</u>	Not Issued	93	11/04/2003	ORGANIC ELEMENT FOR ELECTROLUMINESCENT DEVICES	HATWAR, TUKARAM K.
<u>10701040</u>	Not Issued	61	11/04/2003	Organic element for electroluminescent devices	HATWAR, TUKARAM K.
<u>10701241</u>	Not Issued	93	11/04/2003	ORGANIC ELEMENT FOR ELECTROLUMINESCENT DEVICES	HATWAR, TUKARAM K.
<u>10729328</u>	Not Issued	71	12/05/2003	Organic electroluminescent devices	HATWAR, TUKARAM K.
<u>10729688</u>	Not Issued	30	12/05/2003	Organic electroluminescent devices	HATWAR, TUKARAM K.
<u>10751352</u>	Not Issued	30	01/05/2004	White oled devices with color filter arrays	HATWAR, TUKARAM K.
<u>10751389</u>	Not Issued	61	01/05/2004	Method of making an OLED device	HATWAR, TUKARAM K.
<u>10780436</u>	Not Issued	30	02/17/2004	Anthracene derivative host having ranges of dopants	HATWAR, TUKARAM K.
<u>10801288</u>	Not Issued	30	03/16/2004	Organic element for electroluminescent devices	HATWAR, TUKARAM K.
<u>10801997</u>	Not Issued	30	03/16/2004	White organic light-emitting devices with improved performance	HATWAR, TUKARAM K.
<u>10824086</u>	Not	30	04/14/2004	OLED device using reduced drive	HATWAR,

	Issued			voltage	TUKARAM K.
<a href="#">10838665</a>	Not Issued	30	05/04/2004	Tuned microcavity color OLED display	HATWAR, TUKARAM K.
<a href="#">10869115</a>	Not Issued	95	06/16/2004	ARRAY OF LIGHT-EMITTING OLED MICROCAVITY PIXELS	HATWAR, TUKARAM K.
<a href="#">10882834</a>	Not Issued	30	07/01/2004	High performance white light-emitting OLED device	HATWAR, TUKARAM K.
<a href="#">10897357</a>	Not Issued	30	07/22/2004	White electroluminescent device with anthracene derivative host	HATWAR, TUKARAM K.
<a href="#">10922606</a>	Not Issued	30	08/20/2004	White OLED having multiple white electroluminescence units	HATWAR, TUKARAM K.
<a href="#">10970928</a>	Not Issued	30	10/22/2004	White OLEDs with a color-compensated electroluminescent unit	HATWAR, TUKARAM K.
<a href="#">10972671</a>	Not Issued	30	10/25/2004	White organic light-emitting devices with improved performance	HATWAR, TUKARAM K.
<a href="#">10973078</a>	Not Issued	30	10/25/2004	Organic light-emitting devices with improved performance	HATWAR, TUKARAM K.
<a href="#">10977839</a>	Not Issued	168	10/29/2004	Organic element for electroluminescent devices	HATWAR, TUKARAM K.
<a href="#">10990865</a>	Not Issued	30	11/17/2004	Selecting white point for OLED devices	HATWAR, TUKARAM K.
<a href="#">11028033</a>	Not Issued	41	01/03/2005	Tandem OLEDs having low drive voltage	HATWAR, TUKARAM K.

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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = HATWAR

First Name = TUKARAM

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11064386</a>	Not Issued	30	02/23/2005	Tandem OLED having an organic intermediate connector	HATWAR, TUKARAM K.
<a href="#">11076821</a>	Not Issued	30	03/10/2005	Organic light-emitting devices with mixed electron transport materials	HATWAR, TUKARAM K.
<a href="#">11077218</a>	Not Issued	30	03/10/2005	Organic light-emitting devices with mixed electron transport materials	HATWAR, TUKARAM K.
<a href="#">11110071</a>	Not Issued	30	04/20/2005	Tandem OLED device	HATWAR, TUKARAM K.
<a href="#">11110205</a>	Not Issued	30	04/20/2005	OLED device with improved performance	HATWAR, TUKARAM K.
<a href="#">11111386</a>	Not Issued	30	04/21/2005	Contaminant-scavenging layer on OLED anodes	HATWAR, TUKARAM K.
<a href="#">11114383</a>	Not Issued	30	04/26/2005	Organic element for electroluminescent devices	HATWAR, TUKARAM K.
<a href="#">11116096</a>	Not Issued	30	04/27/2005	Phosphorescent oled with mixed electron transport materials	HATWAR, TUKARAM K.
<a href="#">11156302</a>	Not Issued	30	06/17/2005	Organic element for low voltage electroluminescent devices	HATWAR, TUKARAM K.
<a href="#">11159691</a>	Not Issued	30	06/23/2005	Efficient electroluminescent device	HATWAR, TUKARAM K.
<a href="#">11170681</a>	Not Issued	20	06/29/2005	White light tandem OLED display with filters	HATWAR, TUKARAM K.
<a href="#">11170696</a>	Not Issued	30	06/29/2005	Broadband light tandem OLED display	HATWAR, TUKARAM K.
<a href="#">11170699</a>	Not Issued	30	06/29/2005	Electroluminescent device containing borondiketonate emitter	HATWAR, TUKARAM K.
<a href="#">11192072</a>	Not Issued	30	07/28/2005	Low voltage organic electroluminescent element	HATWAR, TUKARAM K.
<a href="#">11215505</a>	Not	25	08/30/2005	Electroluminescent devices with	HATWAR,

	Issued			mixed electron transport materials	TUKARAM K.
<u>11216383</u>	Not Issued	30	08/31/2005	Electron-transporting layer for white OLED device	HATWAR, TUKARAM K.
<u>11217026</u>	Not Issued	20	08/31/2005	Intermediate connector for a tandem OLED device	HATWAR, TUKARAM K.
<u>11253923</u>	Not Issued	20	10/19/2005	OLED device with improved high temperature operation	HATWAR, TUKARAM K.
<u>11258671</u>	Not Issued	20	10/26/2005	Organic element for low voltage electroluminescent devices	HATWAR, TUKARAM K.
<u>11258719</u>	Not Issued	20	10/26/2005	Organic element for low voltage electroluminescent devices	HATWAR, TUKARAM K.
<u>11258740</u>	Not Issued	20	10/26/2005	Organic element for low voltage electroluminescent devices	HATWAR, TUKARAM K.
<u>11259290</u>	Not Issued	20	10/26/2005	Organic element for low voltage electroluminescent devices	HATWAR, TUKARAM K.
<u>11259586</u>	Not Issued	20	10/26/2005	Organic element for low voltage electroluminescent devices	HATWAR, TUKARAM K.
<u>06908365</u>	<u>4719154</u>	150	09/17/1986	MAGNETO-OPTIC RECORDING ELEMENT WITH AMORPHOUS ALUMINUM-NITROGEN ALLOY LAYER	HATWAR, TUKARAM K.
<u>07067758</u>	<u>4959136</u>	250	06/29/1987	METHOD FOR MAKING AN AMORPHOUS ALUMINUM-NITROGEN ALLOY LAYER	HATWAR, TUKARAM K.
<u>07133599</u>	<u>4895592</u>	250	12/14/1987	HIGH PURITY SPUTTERING TARGET MATERIAL AND METHOD FOR PREPARING HIGH PURITY SPUTTERING TARGET MATERIALS	HATWAR, TUKARAM K.
<u>07234996</u>	<u>4885134</u>	150	08/22/1988	SPUTTERING TARGET ALLOY OF TERBIUM, IRON, AND COBALT HAVING SPECIFIED ELEMENTAL ADDITION	HATWAR, TUKARAM K.
<u>07317401</u>	<u>4877690</u>	250	03/01/1989	MAGNETOOPTICAL RECORDING ELEMENT	HATWAR, TUKARAM K.
<u>07435915</u>	<u>5055364</u>	150	11/13/1989	MAGNETOOPTICAL RECORDING ELEMENT	HATWAR, TUKARAM K.
<u>07488166</u>	<u>4992338</u>	250	03/05/1990	MULTILAYER MAGNETOOPTIC RECORDING MEDIUM WITH POLARIZABLE PALLADIUM INTERMEDIATE LAYER	HATWAR, TUKARAM K.
<u>07571363</u>	<u>5069984</u>	150	08/23/1990	OVERWRITABLE MAGNETOOPTICAL	HATWAR, TUKARAM K.

				RECORDING ELEMENT INCLUDING FIRST AND SECOND MAGNETIC LAYERS WITH ONE OF WHICH CONTAINING ZIRCONIUM	
<u>07770383</u>	Not Issued	161	10/03/1991	MAGNETOOPTICAL RECORDING ELEMENT	HATWAR, TUKARAM K.
<u>07790911</u>	Not Issued	166	11/13/1991	A MAGNETO-OPTICAL STORAGE MEDIUM WHEREIN HEATING A PORTION OF A READ LAYER CHANGES THE PORTION'S MAGNETIC ORIENTATION	HATWAR, TUKARAM K.
<u>07812333</u>	Not Issued	161	12/23/1991	HYDROCARBON-DOPED SILICON COATINGS FOR MAGNETO-OPTICAL MEDIA	HATWAR, TUKARAM K.
<u>07891130</u>	<u>5361248</u>	250	06/01/1992	DIRECT OVERWRITE MAGNETO-OPTICAL STORAGE MEDIUM NOT REQUIRING AN INITIALIZATION MAGNET	HATWAR, TUKARAM K.
<u>07963189</u>	<u>5948497</u>	150	10/19/1992	HIGH STABILITY SILVER BASED ALLOY REFLECTORS FOR USE IN A WRITABLE COMPACT DISK	HATWAR, TUKARAM K.
<u>08023309</u>	Not Issued	168	02/26/1993	HIGH STABILITY GOLD BASED ALLOY REFLECTORS FOR USE IN A WRITABLE COMPACT DISK	HATWAR, TUKARAM K.
<u>08076326</u>	<u>5407755</u>	150	06/14/1993	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<u>08076604</u>	<u>5565266</u>	150	06/14/1993	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<u>08209933</u>	<u>5436072</u>	150	03/11/1994	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<u>08212601</u>	Not Issued	161	03/11/1994	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<u>08316743</u>	<u>5563000</u>	150	10/03/1994	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<u>08348679</u>	<u>5457582</u>	150	12/02/1994	MAGNETO-OPTICAL STORAGE MEDIUM WHEREIN	HATWAR, TUKARAM K.

				HEATING A PORTION OF A READ LAYER CHANGES THE PORTION'S MAGNETIC ORIENTATION	
<a href="#">08602400</a>	<a href="#">5612108</a>	150	02/16/1996	MAGNETO-OPTICAL STRUCTURE HAVING TITANIUM UNDERLAYER	HATWAR, TUKARAM K.
<a href="#">08615367</a>	<a href="#">5612109</a>	150	03/14/1996	OPTICAL STORAGE MEDIUM INCLUDING MULTIPLE DATA LEVELS MADE OF CO/PT MAGNETO-OPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<a href="#">08616148</a>	<a href="#">5693200</a>	150	03/14/1996	FORMING A HIGH PERFORMANCE CO/PT DISK	HATWAR, TUKARAM K.
<a href="#">08674226</a>	<a href="#">5750274</a>	150	06/28/1996	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.
<a href="#">08685741</a>	<a href="#">5858565</a>	250	07/24/1996	MAGNETO-OPTIC COMPOSITIONALLY MODULATED STRUCTURE	HATWAR, TUKARAM K.
<a href="#">08686093</a>	<a href="#">5700540</a>	150	07/24/1996	OPTICAL RECORDING MEDIUM	HATWAR, TUKARAM K.
<a href="#">08741416</a>	<a href="#">5783301</a>	150	10/29/1996	MULTILAYER MAGNETOOPTIC RECORDING MEDIA	HATWAR, TUKARAM K.

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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = HATWAR

First Name = TUKARAM

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08873647</a>	Not Issued	161	06/12/1997	METHOD OF FORMING A HIGH PERFORMANCE MAGNETO-OPTIC MULTILAYER RECORDING DEVICE	HATWAR, TUKARAM K.
<a href="#">08873664</a>	<a href="#">5875169</a>	150	06/12/1997	MAGNETO-OPTIC DATA STORAGE DEVICE HAVING MULTIPLE DATA STORAGE LEVELS	HATWAR, TUKARAM K.
<a href="#">08971740</a>	<a href="#">5879773</a>	150	11/17/1997	RECORDABLE OPTICAL DISKS WITH DIELECTRIC INTERLAYER	HATWAR, TUKARAM K.
<a href="#">08971969</a>	<a href="#">5882760</a>	150	11/17/1997	RECORDABLE OPTICAL DISKS WITH METALLIC INTERLAYER	HATWAR, TUKARAM K.
<a href="#">08991016</a>	<a href="#">6020041</a>	150	12/15/1997	PERFORMANCE RECORDING MEDIA FOR RECORDABLE ELEMENT USING GOLD REFLECTOR	HATWAR, TUKARAM K.
<a href="#">08991028</a>	<a href="#">6007887</a>	150	12/15/1997	PERFORMANCE RECORDING MEDIA FOR RECORDABLE ELEMENT USING SILVER REFLECTOR	HATWAR, TUKARAM K.
<a href="#">09240272</a>	<a href="#">6127004</a>	150	01/29/1999	FORMING AN AMORPHOUS FLUOROCARBON LAYER IN ELECTROLUMINESCENT DEVICES	HATWAR, TUKARAM K.
<a href="#">10073690</a>	<a href="#">6649436</a>	150	02/11/2002	USING ORGANIC MATERIALS IN MAKING AN ORGANIC LIGHT-EMITTING DEVICE	HATWAR, TUKARAM K.
<a href="#">60007293</a>	Not Issued	159	11/09/1995	MAGNETO-OPTIC COMPOSITIONALLY MODULATED STRUCTURE	HATWAR, TUKARAM K.
<a href="#">60009420</a>	Not	159	11/13/1995	OPTICAL RECORDING	HATWAR,



	Issued		MEDIUM	TUKARAM K.
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**Inventor Search Completed:** No Records to Display.

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L21: Entry 2 of 2

File: PGPB

Mar 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050056958  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050056958 A1

TITLE: Forming homogeneous mixtures of organic materials for physical vapor deposition using dry mixing

PUBLICATION-DATE: March 17, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ghosh, Syamal K.	Rochester	NY	US
Carlton, Donn B.	Hamlin	NY	US
<u>Hatwar</u> , Tukaram K.	Penfield	NY	US

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
Eastman Kodak Company				02

APPL-NO: 10/663578 [\[PALM\]](#)  
DATE FILED: September 16, 2003

INT-CL: [07] [B29 B 7/02](#), [B29 B 9/00](#), [B29 B 7/82](#), [B29 B 7/84](#)

US-CL-PUBLISHED: 264/085; 264/349, 264/102, 264/122, 425/006  
US-CL-CURRENT: [264/85](#); [264/102](#), [264/122](#), [264/349](#), [425/6](#)

REPRESENTATIVE-FIGURES: 1

## ABSTRACT:

Powdered organic material s are mixed to form a homogeneous mixture, which includes, at least one dopant component and one host component, to form a pellet for use in thermal physical vapor deposition to produce an organic layer on a substrate for use in an organic light-emitting device. The method of mixing includes, combining organic materials in a powder form and placing the powder organic materials in a container, heating the container in a range of temperatures from 40 to 100.degree. C. for 30 to 100 minutes while purging the atmosphere in the container to a reduced pressure in a range from 10.sup.-1 to 10.sup.-3 Torr to remove moisture. Filling the container with an inert atmosphere, mixing the powder organic materials in the inert atmosphere to form a homogeneous mixture of powder organic materials, and compacting the homogenous mixture of powder organic materials to form a pellet.

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] Reference is made to commonly assigned U.S. patent application Ser. No. 09/898,369 filed Jul. 3, 2001 entitled "Method of Handling Organic Material in Making An Organic Light-Emitting Device" by Van Slyke et al.; U.S. patent application Ser. No. 10/073,690 filed Feb. 11, 2002, entitled "Using Organic Materials in Making An Organic Light-Emitting Device" by Ghosh et al., U.S. patent application Ser. No. 10/195,947 filed Jul. 16, 2002, entitled "Compacting Moisture-Sensitive Organic Material in Making An Organic Light-Emitting Device" by Ghosh et al., U.S. patent application Ser. No. 10/226,600 filed Aug. 23, 2002, entitled "Solid Compacted Pellet of Organic Material for Vacuum Deposition of OLED displays and Method of Making Same" by Ghosh et al., and U.S. patent application Ser. No. 10/348,118 filed Jan. 17, 2003, entitled "Using Compacted Organic Materials In Making White Light-emitting OLEDs" by Ghosh et al., U.S. patent application Ser. No. \_\_\_\_\_ filed concurrently herewith, entitled "Forming Homogeneous Mixtures of Organic Materials For Physical Vapor Deposition Using a Solvent" by Ghosh et al, U.S. patent application Ser. No. \_\_\_\_\_ filed concurrently herewith, entitled "Forming Homogeneous Mixtures of Organic Materials For Physical Vapor Deposition Using Melting" by Ghosh et al, and U.S. patent application Ser. No. \_\_\_\_\_ filed concurrently herewith, entitled "Forming Homogeneous Mixtures of Organic Materials For Physical Vapor Deposition Using Wet Mixing" by Ghosh et al, the teachings of which are incorporated herein.

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**Application Number Information**

Application Number: 10/663578

Examiner Number: 60630 / LECHERT JR, STEPHEN**Assignments**

Filing or 371(c) Date: 09/16/2003

Group Art Unit: 1732

IFW IMAGE

Effective Date: 09/16/2003

Class/Subclass:

264/085.000

Waiting for Response

Application Received: 09/17/2003

Lost Case: NO

Desc.

Pat. Num./Pub. Num: /20050056958

Interference Number:

Mail ExpQuayle

Issue Date: 00/00/0000

Unmatched Petition: NO

Prior Art Filed

Date of Abandonment: 00/00/0000

L&amp;R Code: Secrecy Code:1

Prior Art Filed

Attorney Docket Number: 86896RLO

Third Level Review: NO

Secrecy Order: NO

Status: 51 /EX PARTE QUAYLE ACTION MAILED

Status Date: 11/28/2005

Confirmation Number: 2991

Oral Hearing: NO

Title of Invention: **FORMING HOMOGENEOUS MIXTURES OF ORGANIC MATERIALS  
FOR PHYSICAL VAPOR DEPOSITION USING DRY MIXING**

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L12: Entry 1 of 1

File: USPT

Nov 27, 2001

DOCUMENT-IDENTIFIER: US 6322728 B1

TITLE: Mass production of dental restorations by solid free-form fabrication methods

Brief Summary Text (26):

Inorganic binders are useful in cases where the binder is to be incorporated into the final component. Such binders are generally silicate based and are typically formed from the polymerization of silicic acid or its salts in aqueous solution. An exemplary inorganic binder which can be used is tetraethylorthosilicate (TEOS). During drying, the colloidal silica aggregates at the necks of the matrix particles to form a cement-like bond. During firing, the silica flows and acts to rearrange the matrix particles through the action of surface tension forces and remains after firing.

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L13: Entry 1 of 1

File: USPT

May 11, 2004

DOCUMENT-IDENTIFIER: US 6733528 B2

TITLE: Implant forming method

Detailed Description Text (61):

In the reactant liquid 7, as components other than water, various preparations may be contained. For example, organic acids such as acetic acid, lactic acid, citric acid, malic acid, malonic acid, succinic acid, glutaric acid, tartaric acid, polyacrylic acid, and gluconic acid or the like, sodium salts of the abovementioned organic acids, organic acid salts such as potassium salt, inorganic acids such as phosphoric acid or the like, inorganic acid salts such as sodium phosphate, sodium carbonate, potassium phosphate, and potassium carbonate or the like, pH adjusters, thickeners, X-ray contrast media, antibacterial agents, monosaccharides such as glucose and fructose or the like, disaccharides such as saccharose and maltose or the like, polysaccharides such as cellulose, chitin, and chitosan or the like, bone morphogenic proteins such as BMP or the like, and prostaglandin or the like may be included in the reactant liquid 7.

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L14: Entry 1 of 1

File: USPT

Jun 11, 2002

DOCUMENT-IDENTIFIER: US 6403002 B1

TITLE: Method and device for producing a shaped body

Brief Summary Text (21):

Suitable adhesive components are in particular powders which form a binder after coming into contact with the water containing liquid. Examples are dextrin powder, (carboxy)methylcellulose, wallpaper adhesive powder, gelatin, inulin, gum arabic, polyvinyl alcohol, cement, plaster, a water soluble salt and finely ground granulated sugar. A powder in which the adhesive component is polyvinyl alcohol, (carboxy)methylcellulose, gelating and/or dextrin is preferred. Examples of suitable polyvinyl alcohol powders are completely or partially hydrolysed polyvinyl alcohols, such as those which are sold under the trade name Mowiol. Suitable grades are, for example, Mowiol 3-83, Mowiol 18-88 and Mowiol 10-98. A polyvinyl alcohol powder can be prepared by grinding a polyvinyl alcohol granulate at a temperature below the glass transition temperature of polyvinyl alcohol, for example under liquid nitrogen. An example of a commercially available dextrin is 37-LAC-19, sold by the Avebee company.

Brief Summary Text (22):

The particle size of the powder particles generally varies from 25 to 250 .mu.m, and preferably lies between 50 and 175 .mu.m. If the powder particles are larger than 250 .mu.m, the dimensional accuracy of the shaped body to be formed is excessively determined by the particle size of the powder, which is generally undesirable. An example of a powder, which is generally undesirable. An example of a powder composition which can be is a composition which contains approximately 3 parts by volume of glass beads (approx. 50-100 .mu.), 3 parts by volume of polyester powder coating and 1 part by volume of dextrin. The powder composition may also comprise polyvinyl alcohol, optionally with the addition of a secondary binder and/or a filler.

Detailed Description Text (3):

As a pulverulent material finely ground polyvinyl alcohol was used with a particle size of about 120 .mu.m. Printing was performed with water and water based ink (HP deskjet ink) wherein the black ink was substituted by water.

## CLAIMS:

5. Method according to claim 1, characterized in that, the component of the pulverulent material which forms a binder with water is polyvinyl alcohol, (carboxy)methylcellulose, gelatine and/or dextrin.

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